

EEEEEEEEE	RRRRRRRRR	FFF
EEEEEEEEE	RRRRRRRRR	FFF
EEEEEEEEE	RRRRRRRRR	FFF
EEE	RRR	FFF
EEEEEEEEE	RRRRRRRRR	FFFF
EEEEEEEEE	RRRRRRRRR	FFFF
EEEEEEEEE	RRRRRRRRR	FFFF
EEE	RRR	FFF
EEEEEEEEE	RRR	FFF
EEEEEEEEE	RRR	FFF
EEEEEEEEE	RRR	FFF

FILEID**OPNOUTFILE

L 13

001

COP

1

1

1

508

6

10

```

000000  PPPPPPPP  NN  NN  000000  UU  UU  TTTTTTTTTT  FFFFFFFFFF  IIIIIII  LL
000000  PPPPPPPP  NN  NN  000000  UU  UU  TTTTTTTTTT  FFFFFFFFFF  IIIIIII  LL
00  00  PP  PP  NN  NN  00  00  UU  UU  UU  TT  FF
00  00  PP  PP  NN  NN  00  00  UU  UU  UU  TT  FF
00  00  PP  PP  NNNN  NN  00  00  UU  UU  UU  TT  FF
00  00  PP  PP  NNNN  NN  00  00  UU  UU  UU  TT  FF
00  00  PPPPPPPP  NN  NN  00  00  UU  UU  UU  TT  FFFFFFFF
00  00  PPPPPPPP  NN  NN  00  00  UU  UU  UU  TT  FFFFFFFF
00  00  PP  NN  NNNN  00  00  UU  UU  UU  TT  FF
00  00  PP  NN  NNNN  00  00  UU  UU  UU  TT  FF
00  00  PP  NN  NN  00  00  UU  UU  UU  TT  FF
00  00  PP  NN  NN  00  00  UU  UU  UU  TT  FF
000000  PP  NN  NN  000000  UUUUUUUUUU  TT  FF  IIIIIII  LLLLLLLL
000000  PP  NN  NN  000000  UUUUUUUUUU  TT  FF  IIIIIII  LLLLLLLL
...
```

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0002 C Version: 'V04-000'
0003 C
0004 C*****
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0023 C*
0024 C*
0025 C*****
0026 C
0027 C
0028 C
0029 C AUTHOR: Elliott A. Drayton CREATION DATE: 15-Dec-1982
0030 C
0031 C Functional description:
0032 C
0033 C
0034 C This module opens the file specified by OUTPUT FILE STRING.
0035 C If the open is successful then we returns to the caller,
0036 C else we signal the error and stop the image.
0037 C
0038 C
0039 C Modified by:
0040 C
0041 C V03-005 EAD0189 Elliott A. Drayton 6-Jul-1984
0042 C Remove LSTLUN from the parameter list, it is in SYECOM.
0043 C
0044 C V03-004 EAD0131 Elliott A. Drayton 9-Apr-1984
0045 C Changed the carriage control from fortran to list.
0046 C
0047 C V03-003 EAD0003 Elliott A. Drayton 23-Aug-1983
0048 C Add an assignment for FORMS when SYSSOUTPUT is not used.
0049 C
0050 C V03-002 EAD0002 Elliott A. Drayton 23-Jun-1983
0051 C Changed the default for FORMS to true.
0052 C
0053 C V03-001 EAD0001 Elliott A. Drayton 20-Jun-1983
0054 C Changed error message from SYE to ERF.
0055 C
0056 C
0057 C**

```
0058 Subroutine Open_out_file ( output_file_string )  
0059  
0060  
0061 Include 'SRC$SYECOM.FOR/NOLIST'  
0189  
0190 Character*(*) output_file_string  
0191 Integer*4 output_file_string_length  
0192  
0193 Integer*4 fnum,rmssts,rmsstv,iunit,condval  
0194  
0195 Integer*4 Term_dev  
0196  
0197 Integer sys$output  
0198  
0199 External sys$output_open  
0200 External lstlun_open  
0201  
0202 forms = .FALSE.  
0203  
0204 Printer = .FALSE.  
0205  
0206 Lstlun = 2  
0207  
0208 Term_dev = 4  
0209  
0210 Sys$output = 6  
0211  
0212 output_file_string_length = LEN (output_file_string)  
0213  
0214 open( unit = sys$output,  
0215 1 name = 'sys$output',  
0216 1 type = 'new',  
0217 1 access = 'sequential',  
0218 1 useropen = sys$output_open,  
0219 1 carriagecontrol = 'list')  
0220  
0221 if (output_file_string .ne. 'SYSS$OUTPUT') then  
0222  
0223 forms = .TRUE.  
0224 open( unit = lstlun,  
0225 1 name = output_file_string(1:output_file_string_length),  
0226 1 err = 200,  
0227 1 type = 'new',  
0228 1 access = 'sequential',  
0229 1 useropen = lstlun_open,  
0230 1 carriagecontrol = 'list')  
0231  
0232 IF (FORMS  
0233 .AND.  
0234 2 JIAND(DEV_CHAR,TERM_DEV) .EQ. 0) PRINTER = .TRUE.  
0235 ELSE  
0236  
0237 lstlun = sys$output  
0238  
0239 ENDIF  
0240  
0241
```

```

0242      return
0243
0244 200  Call ERRSNS (fnum,rmssts,rmsstv,iunit,condval)
0245
0246  If (rmssts .eq. 0) then
0247    Call LIB$INSV (3,0,3,condval)
0248    Call LIB$SIGNAL (%VAL(condval),%VAL(3),%VAL(iunit),
0249    1 output_file_string(1:output_file_string_length))
0250  Else
0251    Call LIB$INSV (3,0,3,rmssts)
0252    Call LIB$SIGNAL (%VAL(rmssts),%VAL(rmsstv))
0253  ENDIF
0254
0255 9000  Print 9000
0256  Format (1x, 'ERF-F-OPENERR, FATAL OPEN ERROR ON FILE')
0257
0258 9010  Print 9010, output_file_string
0259  Format (1x, a80)
0260
0261  Call exit
0262  end

```

PROGRAM SECTIONS

Name	Bytes	Attributes
0 \$CODE	268	PI C CON REL LCL SHR EXE RD NOWRT LONG
1 \$PDATA	78	PI C CON REL LCL SHR NOEXE RD NOWRT LONG
2 \$LOCAL	244	PI C CON REL LCL NOSHR NOEXE RD WRT LONG
3 SYECOM	44	PI C OVR REL GBL SHR NOEXE RD WRT LONG
Total Space Allocated	634	

ENTRY POINTS

Address	Type	Name
0-00000000		OPEN_OUT_FILE

VARIABLES

Address	Type	Name	Address	Type	Name
2-00000014	I*4	CONDVAL	3-00000012	L*1	CP_11750
3-00000011	L*1	CP_11780	3-00000013	L*1	CP_11722
3-00000014	L*4	CRYPTK_FLAG	3-0000000D	I*4	DEV_CHAR
3-0000001E	L*1	END_VALUE	3-0000001D	L*1	EOF_FLAG
2-00000004	I*4	FNUM	3-00000004	L*4	FORMS
2-00000010	I*4	IUNIT	3-0000000C	L*1	LINES
3-00000027	I*4	LISTLUN	3-0000001F	I*4	MAILBOX CHANNEL
3-0000002B	CHAR	OPTIONS	AP-00000004	CHAR	OUTPUT FILE_STRING
2-00000000	I*4	OUTPUT_FILE_STRING_LENGTH	3-00000008	L*4	PRINTER

3-00000000	I*4	RECCNT
2-00000008	I*4	RMSSTS
2-00000010	I*4	SYSS\$OUTPUT
3-00000019	L*1	VALID_CLASS
3-00000018	L*1	VALID_ENTRY
3-00000018	L*1	VOLUME_OUTPUT

3-00000023	I*4	RECORD_SIZE
2-0000000C	I*4	RMSSTV
2-00000018	I*4	TERM_DEV
3-0000001A	L*1	VALID_CPU
3-0000001C	L*1	VALID_TYPE

LABELS

Address	Label	Address	Label	Address	Label
0-00000077	200	1-00000013	9000'	1-0000003F	9010'

FUNCTIONS AND SUBROUTINES REFERENCED

Type	Name	Type	Name	Type	Name
	FOR\$ERRSNS		FOR\$EXIT		FOR\$OPEN
	LIB\$INSV		LIB\$SIGNAL		LSTLUN_OPEN
	SYSS\$OUTPUT_OPEN				

COMMAND QUALIFIERS

```

FORTRAN /LIS=LISS:OPNOUTFIL/OBJ=OBJ$:OPNOUTFIL MSRC$:OPNOUTFIL
/CHECK=(NOBOUNDS,OVERFLOW,NOUNDERFLOW)
/DEBUG=(NOSYMBOLS,TRACEBACK)
/STANDARD=(NOSYNTAX,NOSOURCE FORM)
/SHOW=(NOPREPROCESSOR,NOINCLUDE,MAP)
/F77 /NOG_FLOATING /14 /OPTIMIZE /WARNINGS /NOD_LINES /NOCROSS_REFERENCE 'NOMACHINE_CODE /CONTINUATIONS=19

```

COMPILATION STATISTICS

Run Time:	1.85 seconds
Elapsed Time:	5.87 seconds
Page Faults:	113
Dynamic Memory:	170 pages

0152 AH-BT13A-SE
VAX/VMS V4.0

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